

## **Remarks**

### **Claim Objections**

The examiner is thanked for allowing claim 4 subject to rewriting. Applicant has therefore included the limitations of claims 3 and 4 in claim 1 so that the limitations of claim 4 and the preceding claims are now all in claim 1. In addition claim 1 has been amended to make the relative locations of the various regions clearer.

### **Claim Rejections – 35 USC 102**

Claims 1, 3, 5 were rejected under 35 USC 102 over Zhang.

The examiner states that Zhang can be considered to have a p-buried region since there is no recitation of a different dopant concentration. It is respectfully submitted that when two elements are positively claimed, claim interpretation requires that both elements be present in the cited art under a 102 rejection.

In any event, claim 1 has been amended to include the limitations of claims 3 and 4 as suggested by the examiner and claim 3 has been canceled. Thus claim 1 should now be allowable and claim 5 has been amended to depend from claim 1 and should therefore now also be allowable.

### **Claim Rejections – 35 USC 103**

Claims 1-3 and 6-14 were rejected under 35 USC 103 over Wang in view of MacPherson.

As discussed above, claim 1 has been amended and claim 3 has been canceled. Since claim 1 is now allowable and the rest of the claims depend from claim 1, all of the remaining claims should now be allowable.

Claims 1-3 and 5-16 were rejected over Wang and MacPherson in view of Ker. As proposed by the examiner, claim 1 has been amended to include the limitations of claims 4 and 3, which are not taught or suggested by the cited art. Since the other remaining claims depend from claim 1, they should also now be allowable.

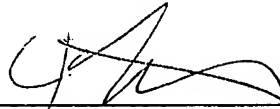
**Replacement Drawings**

Formal drawings are attached.

Early allowance of the claims is therefore respectfully requested.

Respectfully Submitted,

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